

TFW 3663

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inde Application of: HANEY, Philip J.

Group Art Unit: 3663

Serial No. 10/530,392

Examiner: Mancho, Ronnie M.

Filing or 371 (c) Date: 04/06/2005

Atty. Dkt. No: 20030117-US

For: CONSTRAINED TRACKING OF GROUND OBJECTS USING REGIONAL MEASUREMENTS

To: Mail Stop Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Fm:

42716

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Date: 12/1/05

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Commissioner:

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT

Transmitted herewith is the Applicant's Information Disclosure Statement, 2 sheets form PTO/SB/08A and/or PTO/SB/08B, and 7 references and other information. Pursuant to 37 CFR 1.98 (a)(2)(i) applicant has not transmitted herewith copies of cited U.S. Patents and U.S. patent application publications as the above application was filed after June 30, 2003. Please enter in the above application and communicate in all related matters with the undersigned.

DEPOSIT ACCOUNT 190130 AUTHORIZATION – All necessary fees are intended to be included, however the Office is hereby authorized to charge any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.

Respectfully submitted,

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2. The enclosed form PTO/SB/08A and/or PTO/SB/08B be signed by the Examiner to evidence that the cited information has been fully considered by the Patent and Trademark Office during the examination of this application; and

3. The citations for the information be printed on any patent which issues from this application.

By submitting this Information Disclosure Statement, the Applicants make no representation that a search has been performed, of the extent of any search performed, or that more relevant information does not exist.

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Notwithstanding any statement by the Applicant, the Examiner is urged to form his own conclusion regarding the relevance of the cited information.

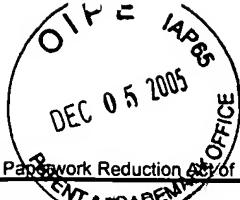
An early and favorable action is hereby requested.

Respectfully submitted,



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Substitute for form 12A-5

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/530,392
Filing Date	04/06/2005
First Named Inventor	Haney, Philip J.
Art Unit	3663
Examiner Name	Mancho, Ronnie M.
Attorney Docket Number	20030117-US

U. S. PATENT DOCUMENTS

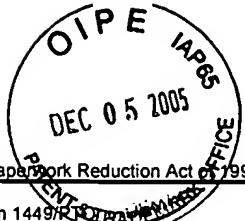
FOREIGN PATENT DOCUMENTS

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/530,392
		Filing Date	04/06/2005
		First Named Inventor	Haney, Philip J.
		Art Unit	3663
		Examiner Name	Mancho, Ronnie M.
Sheet 2	of 2	Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		MAKRINOS, STEPHEN T. et al., "WHITE PAPER Ultra Wideband Multi Sensor System For Sense Through The Wall Surveillance For Personnel Detection and Identification", July 15, 2003, pp. 1-7, CACI Technologies Incorporated, NJ.	
		SROUR, NINO, "Unattended Ground Sensors A Prospective for Operational Needs and Requirements", October 1999, pp. 1-5, US Army Research Laboratory.	
		KREUCHER, CHRIS et al., "Multitarget Tracking Using a Particle Filter Representation of the Joint Multitarget Density", pp. 1-15.	
		BOSE, BISWAJIT et al., "Ground Plane Rectification by Tracking Moving Objects", pp. 1-8, Massachusetts Institute of Technology, Cambridge, MA.	
		KIRUBARAJAN, T. et al., "Tracking Ground Targets with Road Constraints Using an IMM Estimator", IEEE, 1998, pp. 5-12.	
		RICHARDS, P.W., "CONSTRAINED KALMAN FILTERING USING PSEUDO-MEASUREMENTS", 1995, pp. 10/1-10/5, The Institution of Electrical Engineers, London, UK.	
		ANGELOVA, DONKA, et al., "AN IMMPDAF SOLUTION TO BENCHMARK PROBLEM FOR TRACKING IN CLUTTER AND STANDOFF JAMMER", 1999, [online] [retrieved on 7/21/2004] Retrieved from the internet <URL: http://www.isn.ethz.ch/onlinepubli/publihouse/infosecurity/volume_2/F6/F6?index.htm >, pp.1-13.	

Examiner Signature	Date Considered
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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.